

Material Safety Data Sheet

Colonial SLS

Colonial Chemical, Inc.
225 Colonial Drive
S.Pittsburg, TN 37380

Page 1 of 3
Emergency Telephone #
423/837-8800
Chemtrec 800/424-9300

SECTION I – PRODUCT INFORMATION

Product Name:	Colonial SLS	File: SLS
Direct Phone:	423/837-8800	
C.A.S. No.:	151-21-3	
Product Description:	Sodium Lauryl Sulfate	
Product Class:	Surfactant in Water Solution	
Precautions:	May cause irritation	
Hazard Ratings:	HIMS	
Health	1	
Flammability	1	
Reactivity	0	

THE CHEMTREC NUMBER IS TO BE CALLED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT INVOLVING CHEMICALS.

SECTION II – COMPOSITION / HAZARDOUS INGREDIENTS

COMPONENT	CAS#	EXPOSURE LIMITS	WT%
C ₁₀₋₁₆ – Alkyl alcohol			
Sulfuric acid, sodium salts	068585-47-7	Not established	28 – 30*
*(Sodium lauryl sulfate comp)	000151-21-3	Not established	----
Alcohols, C ₁₀₋₁₆	067762-41-8	Not established	1.2

SECTION III – PHYSICAL DATA

Boiling Point:	> 200° F
Specific Gravity:	1.0337 (8.6 lb/gal)
% Volatile by Weight:	70 %
Vapor Pressure:	Not determined or unknown
Vapor Density:	Estimated lighter than air
Evaporation Rate:	Estimated slower than ethyl ether
Density @ 77° F (25° C):	8.6 lbs./gal
pH (10% Solution):	7.5 – 8.5
Freezing Point:	51.8° F, 11° C
Appearance:	Slightly hazy liquid
Odor:	Slight fatty detergent odor

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point:	> 200° F
Extinguishing Media:	Dry chemical, foam, or water spray/fog.
Special Fire Fighting Procedures:	Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. The liquid will not sustain combustion. Remove containers away from fire area if possible. Do not scatter spilled material with high-pressure water streams.
Usual Fire & Explosion Hazards:	None known.

SECTION V – REACTIVITY DATA

Stability:	Stable under normal conditions
Hazardous Polymerization:	Will not occur
Incompatibility (Materials to avoid):	Strong oxidizing agents and strong acids
Hazardous Decomposition Products:	Oxides of sulfur and carbon

SECTION VI – HEALTH HAZARD DATA

EMERGENCY OVERVIEW: May cause irritation to the eyes, skin and respiratory system.

POTENTIAL HEALTH EFFECTS:

Eyes – may cause irritation to eyes.

Skin – Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

Ingestion – May cause abdominal discomfort, nausea, diarrhea and vomiting.

Inhalation – Inhalation of vapors or mists of the product may be irritating to the respiratory system.

FIRST AID:

Eye Contact – Flush eyes with water for at least 15 minutes holding eyelids open. Contact physician immediately.

Skin Contact – Wash off skin with water. Remove contaminated clothing and clean before reuse. Contact physician if irritation persist.

Ingestion – If swallowed, consult a physician or Poison Control Center immediately. Do not induce vomiting. Do not give anything by mouth to unconscious person.

Inhalation – Remove to fresh air. Give oxygen or apply artificial respiration if needed. If symptoms persist contact physician.

SECTION VII – SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Wear MSHA or NIOSH approved self-contained breathing apparatus when working in confined spaces or where mist or vapor is present.
Ventilation:	Not required
Protective Gloves:	Impervious
Eye Protection:	Chemical goggles
Other Equipment:	Eye wash and safety shower in work area
Work/Hygienic Practices:	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

SECTION VIII – SPECIAL PRECAUTIONS

Handling:	Wash thoroughly after handling.
Storage:	Avoid freezing or excessive heat. Keep containers closed when not in use
Other:	Spilled material is quite slippery.
Spills:	Absorb with inert material and dispose of as solid waste. Wash away residue with water. Avoid direct discharge to natural waterways. Ventilate the contaminated area.

SECTION IX – REGULATORY INFORMATION

- TSCA: Listed in TSCA inventory.
- There are no calculable reportable quantity (RQ) for this product.

EU (REACH): Listed
 CANADA (DSL): Listed
 AUSTRALIA (AICS): Listed
 JAPAN (ENCS): Listed
 KOREA (ECL): Listed
 PHILIPPINES (PICCS): Listed
 CHINA (IECSC): Listed

SECTION X – WASTE DISPOSAL

Waste Disposal Method: In accordance with local, state and federal regulations.

SECTION XI – TRANSPORTATION INFORMATION

Proper Shipping Name: Liquid soap, NOS
 DOT Hazard Class: Non-regulated
 Emergency Response Guide No: Non-regulated
 EPA Reportable Quantity: Not applicable

SECTION XII – TOXICOLOGICAL INFORMATION

No carcinogenicity data available for this product.

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

REVISED: 3-5-2010 / BARRY DELAUGHTER

The above data is for information purposes only and is accurate to the best of Colonial Chemical, Inc.'s knowledge. No guarantees or liabilities are expressed or implied.